

<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/088,468	NISHIO ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Nhon T. Diep	2621	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Nhon T. Diep. (3) Kenichi Ueda.  
 (2) Dhiren Odedra. (4) Mayush Singhvi.

Date of Interview: 03 December 2007.

Type: a) ☐ Telephonic b) ☐ Video Conference  
 c) ☒ Personal [copy given to: 1) ☐ applicant 2) ☒ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
 If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 35,38,40 and 43.

Identification of prior art discussed: Liu et al (US 5,987,554).

Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

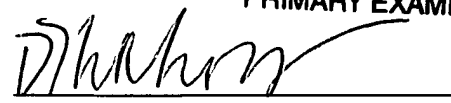
Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

**NHON DIEP  
PRIMARY EXAMINER**

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
 Examiner's signature, if required

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: Applicant's representative explains the differences between the application's I2C signal in comparison to the Liu et al reference, the Liu et al reference discloses a general I2C bus architecture without specifically teaches that the control signal included in the I2C signal sent from a reception apparatus controls the decoder. The examiner agrees that the claims as amended (see attached copies) appear overcome the rejections of record with regard to the applications of the Liu et al reference.

---

**PROPOSED AMENDMENT****U. S. Patent Application No. 10/088,468**

35. (Currently Amended) A transmission apparatus for transmitting a video signal through a transmission path, comprising:

a decoder to decode a compressively coded signal to output picture signals, including a base-band luminous signal and base-band color different signals, and a control signal which is generated based on the compressively coded signal;

an encoder to time-divisionally multiplex the picture signals in a video period and the control signal in a retrace period, thereby to encode the picture signals and the control signal into transmission path signals suited to the transmission path;

an I2C controller to control an I2C (Inter IC control) signal sent to the transmission apparatus from a reception apparatus; and

a CPU to control the I2C controller and the decoder;

wherein the decoder is controlled by the CPU so as to output the picture signals which are displayable in at the reception apparatus, on the basis of reception apparatus information included in the I2C signal that is received from the reception apparatus through the I2C controller.

38. (Currently Amended) A reception apparatus for receiving a video signal through a transmission path, comprising:

a decoder to decode transmission path signal into picture signals, including a base-band luminous signal and base-band color different signals, and a control signal, the transmission path signal is generated by coding the control signal which is generated based on a compressively coded signal, and the video signal so as to be suited to the transmission path, the control signal is time-division-multiplexed in a retrace period;

a ROM table to hold reception apparatus information indicating performance for making the picture signals displayable; and

an I2C controller to output the reception apparatus information stored in the ROM table to a transmission apparatus on the basis of an I2C (Inter IC control) signal outputted from the transmission apparatus;

wherein the reception apparatus information is used by the transmission apparatus to output pictures signals which are displayable by the reception apparatus.

40. (Currently Amended) A reception apparatus for receiving a video signal through a transmission path, comprising:

a decoder to decode transmission path signal into picture signals, including a base-band luminous signal and base-band color different signals, and a control signal, the transmission path signal is generated by coding the control signal which is generated based on a compressively coded signal, and the video signal so as to be suited to the transmission path, the control signal is time-division-multiplexed in a retrace period;

a ROM table to hold reception apparatus information indicating performance for making the picture signals displayable;

an I2C controller to output the reception apparatus information stored in the ROM table to a transmission apparatus on the basis of an I2C (Inter IC control) signal outputted from the transmission apparatus;

wherein the reception apparatus information is used by the transmission apparatus to output pictures signals which are displayable by the reception apparatus;

and

an image quality ~~controller~~control to control the image qualities of the picture signals on the basis of the control signal.

43. (Currently Amended) A transmission apparatus which receives a compressively coded signal from a broadcast station for transmitting a video signal to a reception apparatus through a transmission path, comprising:

a decoder to decode a compressively coded signal to output picture signals, including a base band luminous signal and base band color different signals, and a control signal which is generated based on the compressively coded signal;

a transmission path encoding circuit for time-division-multiplexing the picture signals in a video period and the control signal in a retrace period, said control signal including information for use in controlling image quality of the picture signals;

an I2C controller to control an I2C (Inter IC control) signal sent to the transmission apparatus from a reception apparatus; and

a CPU to control the I2C controller and the decoder;

wherein the decoder is controlled by the CPU so as to output the picture signals which are displayable in at the reception apparatus, on the basis of reception apparatus information included in the I2C signal that is received from the reception apparatus through the I2C controller.

### Applicant Initiated Interview Request Form

Application No.: 10/088,468 First Named Applicant: Toshiro Nishio  
 Examiner: Nhan Thanh Diep Art Unit: 2621 Status of Application: Non Final  
office action

**Tentative Participants:**

(1) Dhiren Desai (2) Mayush Singhvi  
 (3) Kenichi Ueda (4) \_\_\_\_\_

Proposed Date of Interview: Dec. 3, 2007 Proposed Time: 10 (AM/PM)

**Type of Interview Requested:**

(1) ☐ Telephonic (2) ☒ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: \_\_\_\_\_

### Issues To Be Discussed

Issues (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>Rej</u>	<u>Pending</u>	<u>of record</u>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/> Continuation Sheet Attached					

**Brief Description of Arguments to be Presented:**

Prior art of record does not disclose "wherein the decoder is  
controlled by the CPU so as to output picture signals ... I2C  
controller" as recited in claim 35. A power of attorney is attached.

An interview was conducted on the above-identified application on \_\_\_\_\_.

**NOTE:** This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01).

This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Mayush Singhvi  
 Applicant/Applicant's Representative Signature

\_\_\_\_\_  
 Examiner/SPE Signature

Mayush Singhvi  
 Typed/Printed Name of Applicant or Representative

50,431  
 Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

P26128-01

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial No.: 10/088,468  
Inventors: Toshiro NISHIO, et al.  
Filing Date: June 11, 2002  
Title: Signal transmission system

**POWER OF ATTORNEY FOR CONDUCTING PERSONAL  
INTERVIEW**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Commissioner,

I hereby appoint the following practitioners:

Kenji Kamata (Registration No. 41103)  
Dhiren Odedra (Registration No. 41227)  
Mayush Singhvi (Registration No. 50431)

as our attorneys for the purpose of conducting personal interviews with the Examiner at the U.S. Patent and Trademark Office in connection with the above-identified application.

It is noted that the previously filed power of attorney appointing the registered attorneys associated with Wall, Mariama & Bilinski L.L.P. remains in full effect, as does the correspondence address made of record.

P26128-01

**STATEMENT UNDER 37 CFR 3.73(b)**

Matsushita Electric Industrial Co., Ltd., a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment from the inventors. The assignment was recorded in the U.S. Patent and Trademark Office at Reel 013093, Frame 0744. A copy of the assignment is attached.

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Hiroki Naito

Name



Signature

Oct. 26, 2007

Date

Director,  
IP Development Center  
Authorized Signing Officer

+81-6-6949-4542  
Telephone Number